

KHOLYREVA, M.A.

Permeability of the skin to Pu²³⁹. Med. rad. 10 no.10:
42-46 O '65. (MIRA 18:12)

1. Submitted December 25, 1963.

1. 24234-56 ENI(m)
ACC NR: AP6014670

SOURCE CODE: UR/0241/65/010/010/0042/0046

AUTHOR: Khodirava, M. A.

ORG: none

TITLE: Penetration of Pu sup 239 through the skin

SOURCE: Meditsinskaya radiologiya, v. 10, no. 10, 1965, 42-46

TOPIC TAGS: plutonium compound, rabbit, radiology, animal physiology

ABSTRACT: In view of the recent discovery that many radioactive substances are absorbed by the organism directly through the uninjured skin, the author experimentally investigated the absorption of plutonium nitrate (pH 3.0) via the skin of mammals (15 adult rabbits weighing from 2.5 to 3 kg) by applying a solution of the nitrate salt of plutonium to a shaved area (lateral section of the dorsum) of the animals' skin at the rate of 0.4 microcuries per cm² (first group of animals) and 4 microcuries per cm² (second group), with subsequent radioautographic determination of radioactivity of the blood at regular intervals over a period of 10 days. On the 14th day the animals were sacrificed and the Pu239 content of the individual organs was determined in their suspensions. Activity was detected in the blood as early as one hour after application of the solution, and it increased with time, in direct proportion to the amount of radioactive isotope applied to the skin, until the 5th or 6th day when, owing to the deposition of the isotope in the organs and tissues, as well as owing

Cord 1/2

UDC: 612.791.014.482:546.799.4

L 24234-66

ACC NR: AP6014670

to its partial elimination from the organism, the activity of the blood fell. On dissection it was found that most (as much as 70%) of the isotope had deposited in the osseous tissue. Further, the amount of Pu²³⁹ found in the organs of animals of group 1 was only a fraction as high as that found in the organs of animals of group 2. Over the period of the experiment no significant changes were observed in the skin. The general condition of the animals remained satisfactory, and the weight remained normal except for a few cases where it began to decrease toward the end of the experiment. These findings confirm that skin represents one of the possible pathways of penetration of radioactive substances in the form of soluble compounds, particularly of Pu²³⁹, into the organism. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 25Dec63 / ORIG REF: 006 / OTH REF: 003

Card 2/2

PETYUNIN, P.A.; KHODYREVA, M.S.

Chemical structure and biological activity in the series of
amides of some carboxylic acids. Zhur.ob.khim. 33 no.3:755-761
Mr '63. (MIRA 16:3)

1. Permskiy farmatsevticheskiy institut.
(Amides—Therapeutic use)

KHODYREVA, V. M.

37162. O minimalnom svoystve kruga. Doklady akad. NaukSSR, Novaya Seriya, t. LXIX, No. 5, 1949, s. 615-18

SO: Letopis' Zhurnal'nykh Statey, Vol 7, 1949

ZHAVORONKIN, A. (Moskva); MALYUKOV, I.; KHODYREVA, Ye.

Improve the shoe trade. Sov.torg. no.2:31-34 F '59.

(MIRA 12:2)

1. Direktor magazina No.6 Mosobuv'torga (for Malyukov). 2. Direktor
Sverdlovskogo obuv'torga (for Khodyreva).
(Shoe industry) (Retail trade)

AUTHORS: Komissarova, G.N., and Khodyuk, A.G. SOV-3-58-8-18/26

TITLE: International Connections of the Higher School (Mezhdunarodnyye svyazi vysshey shkoly). In a Brotherly Family (V bratskoy sem'ye)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 8, pp 72 - 73 (USSR)

ABSTRACT: Thousands of boys and girls from foreign countries are receiving their education in the USSR. A considerable number of them are being taught at the Leningrad Technological Institute imeni Lensovet. The authors give a report on the life and work of these students amidst their Soviet colleagues. They describe how the foreign students are being invited to participate in the scientific and social life of the vuz, how they are assisted in learning the Russian language, and their interest in Russian classical and Soviet literature.

ASSOCIATION: Leningradskiy tekhnologicheskii institut imeni Lensoveta (Leningrad Technological Institute imeni Lensovet)

Card 1/1

KHODYUKOV, fnu. Vet.

Balykchin Interraion Veterinary Bacteriological Laboratory, Kirgiz SSR.

"Poisoning of sheep with the desert ephedra."

SO: Veterinariia 28(12), 1951, p. 38.

KHODYUSH, I. Ya.

35931

novyye mineral y v gal'kakh konglomeratov nizhnego otdela
krivorozhskoy svity. nauch. zapiski (dnepropetr. gos. un-t).
T. XXXI, 1948, S. 27-32

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

KHODYUSH, I. YA.

35932

stysazheniya burogo zhele znyaka v tolishche zelenokamennykh
porod krivogo roga. nauch. zapiski (dnepropetr. gos. un-t),
T. XXXI, 1948, S. 33-35

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

Khodgush, L. Ya.

✓Contact phenomena between metabasites and the rocks of the lower section of the Krivoy Rog complex. L. Ya. Khodgush. *Doklady Akad. Nauk S.S.S.R.* 104, 903 (1953).
 The lower horizons of the Krivoy Rog complex are characterized by metamorphic elastic quartzites, sandstones, etc., usually called "arkoses," with a feldspar content of less than about 8%, and with a sericite-quartz cement matrix. Below these arkoses are granites, gneisses, and "greenstones" = metabasites (the "epidiorites of Tanatar, 1938). On contact with the "arkoses," the metabasites show a very characteristic transition of hornblende to biotite, and a later sericitization of the dark mica. In the sediments appears a green biotite, and garnet (with optical anomalies, $n = 1.797$ to 1.810 , a common almandine-grossularite-andradite). These two minerals are observed only in the contact zones. Assimilation pebbles of quartzites in the metabasites are often surrounded by a reaction rim of greenish biotite, and show a change of sericite to biotite. The chem. analysis of such a hybrid rock with xenoliths shows SiO_2 67.6; Al_2O_3 17.3; TiO_2 1.1; Fe_2O_3 3.5; FeO 1.2; CaO 3.1; MgO 0.8; alkalis 1.2; ignition loss 2.8%. Apophyses of the metabasite swarm into the metamorphic sandstone in the Kaganovich Mine. The normal rocks are fine-cryst., consisting of albite, hornblende, biotite, sphene, and ilmenite; the hybrid contact products show even the type of cryst. schists, with the garnets described above. These facts emphasize the necessity for a revision of the current opinions on the effusive character of the metabasites in the Krivoy Rog complex. W. R.

KHODYUSH, L.Ya.

The so-called arcose conglomerate stratum of Krivoy Rog Basin.
Geol.zhur.16 no.4:61-67 '56. (MLRA 10:2)
(Krivoy Rog Basin--Conglomerate)

KHODYUSH, L.Ya.

Some data on martite in iron ores of the Belozerska iron-ore
deposit. Min. sbor. no.15:336-338 '61. (MIRA 15:6)

1. Gosudarstvennyy universitet, Dnepropetrovsk.
(Belozerska region (Zaporozh'ye Province)---Iron ores)
(Belozerska region(Zaporozh'ye Province---Martite)

KHODYUSH, L.Ya.

Martite and martite ores of the South Belozherka iron-ore deposit.
Geol.zhur. 22 no.4:11-25 '62. (MIRA 15:9)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut geologii.
(Belozherka region (Zaporozh'ye Province)—Martite)
(Belozherka region (Zaporozh'ye Province)—Iron ores)

KHODYUSH, L.Ya.

Sideroplesite from ferroquartzites of the Bolsherskoye iron ore deposit.
Dokl. AN SSSR 146 no. 5:1184-1187 S '62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut geologii pri Dnepropetrovskom
gosudarstvennom universitete. Predstavleno akademikom N.M.Strakhovym.
(Ukraine-Sideroplesite)

Khody-Zade, M. Kh.

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42397.

Author : Meshcheryakova, A. V.; Slutskiy, M. Ye.; Khody-Zade, M. Kh.; Kechker, M. I.

* Inst : Not Given.

Title : Euphylline in the Therapy of Coronary Insufficiency.

Orig Pub: Terapevt. arkhiv, 1957, 29, No 11, 14-23.

Abstract: The status of the circulation and of the contractile function of the myocardium under the action of euphylline (I) therapy was investigated in 55 patients with chronic coronary insufficiency. Because of side-effects I therapy had to be discontinued in 17 patients. In 14 patients, injection of I decreased the frequency of attacks of angina, the intensity and duration of the anginal pains and produced improvement in the objective findings.

* Из КАРДИА 1-й ТЕРАПИИ, КАРДИА 2-й ТЕРАПИИ, и КАРДИА 3-й ТЕРАПИИ

Card 1/2

ТЕРАПЕВТИЧЕСКОЕ ИНСТИТУТ УССОВСКОГО ИНСТИТУТА УССОВСКОГО ИНСТИТУТА УССОВСКОГО ИНСТИТУТА

Khody-Zade, M. Kh.

COUNTRY : USSR V
 CATEGORY : Pharmacology and Toxicology. Cardiovascular Agents
 ABS. JOUR. : RZhBiol., No. 1 1959, No. 4585
 AUTHOR : Vovsi, M. S.; Karpman, V. L.; Khody-Zade, M. Kh.
 INST. : -
 TITLE : On the Pharmacodynamics of Nitroglycerin

ORIG. PUB. : Terapevt. arkhiv, 1958, 30, No 1, 3-9

ABSTRACT : 16 healthy and 63 individuals affected with stenocardia were examined by the method of dynamocardiography. Dynamocardiograms were recorded after 5 minutes of rest and 1, 2, 5, and 10 minutes following administration of 2 drops of 1% alcoholic solution of nitroglycerin (N). Observations showed that under the effect of N the duration of the phase of isometric contraction

CARD: 1/3

27

COUNTRY : V
 CATEGORY :

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120019-7"

ABS. JOUR. : RZhBiol., No. 1 1959, No. 4585

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : and expulsion of blood from the ventricles is
 cont'd. shortened and that in healthy persons these changes correspond to the degree of increase of frequency of tachycardia, while in sick individuals the duration of isometric contraction is comparatively prolonged. The changes of the duration of phases show that under the influence of N cardiac muscle begins to execute greater work than at rest. In healthy persons, this is expressed by an increase of the stroke volume,

CARD: 2/3

COUNTRY : V
 CATEGORY :

S/203/62/002/001/013/019
I023/I223

Investigation of anomalous radiowave...

increased type II absorption move along the Earth's surface in accordance with spiral-isochrones of solar particles precipitation. These phenomena were observed on days of high and medium levels of disturbance. Only during one flight on a highly disturbed day was a second polar zone of absorption observed. On quieter days (magnetic and ionospheric) up to 85°N, the ionosphere was not disturbed. There are 1 table and 3 figures. X

ASSOCIATION: Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut (Arctic and Antarctic Research Institute)

SUBMITTED: September 13, 1961

Card 2/2

KHODZHA-AKHMEDOV, Ch.L.

Study of the anomalous absorption of radio waves with the aid of
a flying ionospheric station. Geomag.i aer. 2 no.1:114-120
Ja-F '62. (MIRA 15:11)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy
institut.
(Ionospheric radio wave propagation)

1 14472-65 WT-1 (WT-1)/EBC(X)-2/EBC(V)/FCC/EBC-L/EBC(V) XA -
 EBC(V) EBC(V) EBC(V) EBC(V) EBC(V) EBC(V) EBC(V) EBC(V) EBC(V) EBC(V)
 ACCESSED BY: [illegible] S/P142/64

AUTHOR: Khodzha-Akhmedov, Ch. L.

TITLE: Rioneter operating at two frequencies for the measurement of
ionospheric absorption 2.01

SOURCE: IVJZ. Radiotekhnika, v. 7, no. 3, 1964, 381-382

TOPIC TAGS: rioneter, ionospheric absorption, ionospheric
 attenuation, ionospheric radio signal, ionospheric absorption,
 rioneter, rioneter, rioneter

ABSTRACT: A description is given of a rioneter, a self-cal. radio
 device using a servosystem which operates on two frequencies, one of
 which it is possible to determine the variation of ionospheric
 radio signal attenuation, the altitudes of cosmic noise absorption
 regions, and the contribution of individual ionospheric layers to the
 total cosmic noise. The specifications of the device are as follows:
 tuning signal frequency — 30 and 40 MHz; antenna — element Yagi
 antenna; antenna switching frequency — 30 and 40 MHz; input impedance —
 75 ohm (at each frequency).

Card 1/3

14472-85

ACCESSION NR: AP4042856

receiver amplification prior to detector output — 2×10^{10} ;
 1.5×10^{10} at 48.5 Mc; receiver noise figure for
 receiver — 3 Mc; amplifier — 3 Mc; amplifier — 3 Mc;
 frequency — 10 Kc; amplification of switching frequency amplifier —
 75; bandwidth at level 0.7 of switching frequency amplifier — 80 Kc;
 amplification of d-c amplifier — 33; total voltage amplification of
 the device — 5×10^{10} at 36 Mc (3.2×10^{10} at 48.5 Mc); time constant
 of the entire device — from 1 to 15 sec; dynamic range (at constant
 amplification) — 15db; recording device — the N-370 M; the design
 of the supply unit is based on standard rectifier VIP-1. Tests under
 laboratory and field conditions have demonstrated that the
 maintenance of the device for a 24-hour period is
 0.1—0.2 db, and that further measures could be taken to
 0.05—0.1 db. sig. art. has: 1 figure.

ASSOCIATION: none

Card 2/3

L 48334-65

FBD/EXT(1)/EXT(*)/SEC-4/EXT(t)

Pa-5/Pae-7/100

ACCESSION NO. APR 11 1965

AUTHOR: Khoizha-Akhmedov, Ch. I.

TITLE: Frequency dependence of the cosmic noise level during type III absorption

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 2, 1965, 244, 1965

TOPIC TAGS: radio wave absorption, cosmic noise level, cosmic noise

ABSTRACT: The frequency dependence of the cosmic noise level during type III radio wave absorption is investigated. It was shown that the absorption

comprised the band of absorption. Only those absorptions which were in the range of 1-10 MHz were observed. It was shown that the absorption at the frequency of 10 MHz is equal to 10 dB.

ASSOCIATION: Arkkticheskii i antarkkticheskii nauchno-issledovatel'skii tsentr, Leningrad. Scientific Research Institute:

Card 1/2

I 48334-65

ACCESSION NR: AP5010279

SUBMITTED: 27May64

ENCL: 00

SUB CODE: AA

NO REF SOV: 001

OTHER: 002

ALL POWER

6-12/2

KAPUSTIN, B.N., glav. inzh.; GVOZDEV, T.T., glav. inzh.; GRIGOROVICH, V.D., inzh.; KONDRASHENKO, A.A., inzh.; ABADYEV, Yu.A., inzh.; RYADNOV, A.A., inzh.; YEGORYCHEV, V.P., inzh.; SMEL'KIN, B.A., inzh.; MARSHUTIN, S.F., inzh.; KHODZHABARONOV, K.G., inzh.; FEDOSOVA, Ye.M., tekhnik; OSIN, V.I., tekhnik; SEMENOVA, Ye.P., tekhnik; AVSARAGOVA, G.A., tekhnik; PASHKEYEV, D.A., inzh.; KAPUSTIN, V.N., inzh.; NAGOROV, L.A., inzh.; IONOV, I.T., inzh.; KOPEYKINA, L.M., inzh.; TELEPNEVA, T.P., tekhnik; CHAKURIN, Zh.G., tekhnik

[Album of the mechanization of labor-consuming processes in stockbreeding] Al'bom mekhanizatsii trudoemkikh protsessov v zhivotnovodstve. Moskva, Izd-vo Gipro sel'khoza. No.4. [Equipment and supplies for the mechanization of labor-consuming processes on livestock farms] Oborudovanie i inventar' dlia mekhanizatsii trudoemkikh protsessov na zhivotnovodcheskikh fermakh. 1959 [cover: 1961. 229] p. (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu sel'skokhozyaystvennykh sooruzheniy (for Kapustin, Grigorovich, Kondrashenko, Abadeyev, Ryadnov, Yegorychev, Smel'kin, Marshutin, Khodzhabarionov, Fedosova, Osin, Semenova, Avsaragova).

(Continued on next card)

KAPUSTIN, B.N.—(continued). Card 2.

2. Respublikanskiy gosudarstvennyy institut po proyektirovaniyu sovkhoznogo stroitel'stva (for Gvozdev, Pashkeyev, Kapustin, V.N., Nagor'ov, Ionov, Kopeykina, Telepneva, Chakurin).

(Agricultural machinery)

KHODZHA-EYNATOV, A. A.

PA 15/49TH5

USSR/Electricity

Hydroelectric Plants

Jun 48

"Gyumrah Hydroelectric Power Station," A. A. Khodzha-Eynatov, Engr, 1 p

"Gidrotekh Stroi" No 6

Gyumrah is unique among USSR hydroelectric power stations as it is independent of fluctuations in river level, due to utilization of Lake Sevan. Describes its main features and duties.

15/49TH5

KHODZHA-EYNATOV, A., inzh.

Mechanization of plastering operations. Prom. Arm. 4 no. 4: 27-28
Ap '61. (MIRA 14:6)

(Plastering)
(Building machinery)

KHODZHAKULIYEV, G.K.; AKHUNDOV, A.A.; SMORAGDOVA, R.N.

Influenza as a mask for pulmonary tuberculosis. Zdrav. Turk. 4 no.4:
18-21 Jl-Ag '60. (MIRA 13:9)

1. Iz kafedry gosital'noy (zav. - dotsent G.K.Khodzhakuliyev) i
fakul'tetskoy (zav. - dotsent Ye.A. Pletnev) terapii Trukmenskogo
gosudarstvennogo meditsinskogo instituta im. I.V. Stalina i respub-
likanskogo protivotuberkululeznogo dispansera (glav. vrach - F.M.
Ismailov).

(INFLUENZA)

(TUBERCULOSIS)

KHODZHAKULIYEV, G., dotsent; KAZIMOV, G., dotsent

Twelfth All-Union Conference of Theraputists. Zdrav.Turk, 5 no.2:
46-47 Mr-Ap '61. (MIRA 14:5)
(THERAPEUTICS—CONGRESSES)

KHODZHAKULIYEV, G.K., dotsent; AKHUNDOV, A.A., assistant; SMORAGDOVA, R.N.

Influenza as a provoking factor in pulmonary tuberculosis. Zdrav.
Turk. 5 no.2:18-21 Mr-Apr '61. (MIRA 14:5)

1. Iz gosspital'noy (zav. - dotsent G.K.Khodzhakuliyev) i fakul'tetskoy
(zav. - dotsent Ye.A.Pletnev) terapevticheskikh klinik Turkmenskogo
gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina i
respublikanskogo protivotuberkuleznogo dispansera (glavvrach - D.M.
Ismailov).

(INFLUENZA)

(TUBERCULOSIS)

KHODZHAKULIYEV, G.K.; ARTAMONOVA, A.G.

Treatment of chronic nonspecific diseases of the lungs. Zdrav.
Turk. 5 no.5:41-43 S-O '61. (MIRA 14:12)

1. Iz kafedry gosital'noy terapii (zav. - dotsent G.K.Khodzhakuliyev)
Turkmenaskogo gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina.

KHODZHAKULIYEV, G.K., dotsent; KAZIMOV, G.A., dotsent

Some problems in teaching hospital therapy. Terap.arkh. no.7:102-
103 JI '62. (MIRA 15:8)

1. Iz kafedry gosital'noy terapii Turkmenskogo meditsinskogo insti-
tuta (Ashkhabad).

(MEDICINE—STUDY AND TEACHING)

KHODZHAKULIYEV, S.

Soils of the Ashkhabad Vegetable and Melon Variety Testing Station
and their crop-producing characteristics. Izv. AN Turk. SSR. Ser. biol.
nauk no. 5:29..35 '62. (MIRA 15:11)

1. Institut pastyn' AN Turkmenskoy SSR.
(ASHKHEBAD REGION--SOILS--ANALYSIS)

KARTSEV, A.A.; KUDRYAKOV, V.A.; KHODZHAKULIYEV, Ya.A.

Basic characteristics of the hydrodynamics of the northern
part of the Kara Kum artesian basin. Dokl. AN SSSR 157
no.5:1114-1117 Ag '64. (MIRA 17:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. Gubkina. Predstavleno akademikom D.I. Shcherbakovym.

KHODZHAMBERDIYEV, B. I.

KHODZHAMBERDIYEV, B. I. -- "Traumatism in the Kyzyl-Kiy Coal Mine."
Kyzyl-Kiy City Hospital, Osh Oblast. Frunze, 1955.
(Dissertations for the Degree of Candidate in Medical Sciences).

SO: Knizhnaya Letopis', No 9, 1956

.KHODZHAMBERDIYEV, B.I., kand. med. nauk; CHERNOV, S.S., red.;
POPOVA, A.Ya., tekhn. red.

[Prevention of traumatism in the coal industry] Profilak-
tika travmatizma v ugol'noi promyshlennosti. Frunze, Res-
publikanskii dom sanitarnogo prosveshchenia, 1960. 49 p.
(MIRA 17:3)

*

KHODZHAKULIYEV, Ya.A.; SHUGRIN, V.P.

Waters of the Mesozoic sediments of the central Kara-Kum arch.
Izv.vys.ucheb.zav.; neft' i gaz 5 no.12:3-7 '62. (MIRA 17:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M.Gubkina.

KHODZHAMIROVA, ^V S.

Renal circulation in cardiac insufficiency; preliminary communication.
Ter. arkh., Moskva 25 no.5:63-67 Sept-Oct 1953. (CLML 25:4)

1. Of the Hospital Therapeutic Clinic (Director -- Prof. A. L. Myasnikov),
Active Member AMS USSR), First Moscow Order of Lenin Medical Institute.

KNIZHNA LITRA, 7. 8.

KNIZHNA LITRA, Y. S.: "Renal blood circulation in chronic circulatory insufficiency." Moscow Order of Lenin Medical Inst. Moscow, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

Source: Knizhna i letopis' No. 26 1956 Moscow

" 30521

KNIZHNA LITRA, Y. S.: "Renal blood circulation in chronic circulatory insufficiency." Moscow Order of Lenin Medical Inst. Moscow, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

KOGAN, B.B.; KHODZHAMIROVA, V.S.; GULINA, L.A.; ZHDANOV, V.S.

Diabetic glomerulosclerosis. Terap. arkh. 32 no. 3:52-60 Mr '60.
(MIRA 14:1)

(DIABETES) (KIDNEYS—DISEASES)

KHODZHAMIYAN, Yu.Ye., inzhener; KHURSHUDYAN, L.M., inzhener.

Electromechanical relay of the revolutions of hydropower units.
Elek. sta. 24 no.12:50-51 D '53.
(MLRA 6:12)
(Dynamos)

KHODZHAMIROYAN, YU. E.

Subject : USSR/Power Eng AID P - 3525
Card 1/1 Pub. 26 - 19/30
Author : Kanayan, N. Kh. and Yu. E. Khodzhamiryan, Engs.
Title : Testing an automatic ASU-11 synchronizer
Periodical : Elek. sta., 9, 53-55, S 1955
Abstract : Certain design defects found on the ASU-11 synchronizer tested at a hydro-power plant are described. The author contends further research is necessary before large scale manufacturing should be started. Two diagrams.
Institution : None
Submitted : No date

KHODZHAMIRYAN, Yu. Y.
ALIKHANYAN, A.I., inzhener; KHODZHAMIRYAN, Yu.Ye., inzhener.

Automatic control of banks of static capacitors. Prom.energ.11
no.12:25-27 D '56. (MIRA 10:1)

1. Armenenergo.

(Condensers (Electricity)) (Automatic control)

KHODZHAMIRYAN, Yu. Ye.

KANAYAN, N. Kh., inzhener; KHODZHAMIRYAN, Yu. Ye., inzhener.

Automatic synchroniser with continuous angle of lead. Elek. sta.
28 no. 8:76-77 Ag '57. (MIRA 10:10)

(Electric generators)

KHODZHANETIAN, N.A.

KHODZHANETIAN, N. A. : "The development of speech in students in the process of studying the Russian language and literature in the fifth through seventh classes." Sci Res Inst of Pedagogical Sciences, Min Education Georgian SSR. Tbilisi, 1956. (Dissertations for Degree of Candidate in Pedagogical Sciences).

SO: Knizhnays Letopsis' No. 22, 1956

KHODZHANDIYEV, I.

Concentrate attention on the uncovering of potentials. Fin.SSR
23 no.5:62-64 My '62. (MIRA 15:5)

1. Nachal'nik otdela finansirovaniya narodnogo khozyaystva
Tashkentskogo gorodskogo finansovogo otdela.
(Tashkent—Industrial management) (Tashkent—Auditing)

BEDEL'RAYEV, A.K.; KHODZHANOV, A.S.

Selecting parameters for stable linear controllable systems. Izv.
AN Kazakh.SSR.Ser.mat.i mekh. no.8:104-113 '59. (MIRA 13:5)
(Automatic control)

KHODZHANOV, A.S.

Active pressure of a loose medium on the walls of a cylindrical enclosure. Izv.AN Uz.SSR.Ser.tekh.nauk 7 no.2:41-47 '63.

(MIRA 16:4)

1. Institut mekhaniki AN UzSSR.
(Granular materials)

L 17680-65

ACCESSION NR: AP4049395

$$\dot{\eta}_s = \sum_{k=1}^n b_{sk} \eta_k + n_s t \quad (s=1, 2, \dots, n),$$

where b and n are constants, with the b 's depending on "constructive" parameters, η -phase coordinates of the object, and t its control function (coordinate of the regulating system). It is required to determine the control function from the class of continuous and continuously-differentiable functions and the constructive parameters such that the closed-loop system be not only asymptotically stable but also optimal. The optimization condition is that a certain functional

$$J(t) = \int_0^{\infty} \left[F(\eta) + \frac{1}{2} C_0 \dot{t}^2 + \frac{1}{2} \dot{t}^2 \right] dt$$

be minimized. Algebraic equations are written out for the constructive parameters and methods of minimizing the functional, using the

Cord 2/3

L-17680-65

ACCESSION NR: AP4049395

Lyapunov theorem, are described. A numerical example is given.
Orig. art. has: 24 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, MA

NR REF SOV: 004.

OTHER: 000

Card 3/3

KHODZHANOV, A.S.

Stability of control systems with tachometer feedback. Vest.
AN Kazakh SSR 22 no.8:74-76 Ag '65. (MIRA 18:9)

L 3183-66

ACCESSION NR: AP5013833

UR/0103/65/026/005/0764/0769
62-50

AUTHOR: Bedel'bayev, A. K. (Deceased) (Alma-Ata); Khodzhanov, A. S. (Alma-Ata) 22

TITLE: On isoperimetric problems of control systems 44

SOURCE: Avtomatika i telemekhanika, v. 26, no. 5, 1965, 764-769

TOPIC TAGS: automatic control, optimum control, isoperimetric problem 44

ABSTRACT: The controlled system is described by the system of equations

$$\dot{\eta}_s = \sum_{k=1}^n b_{sk} \eta_k + \eta_s \xi, \quad \eta_s(0) = \eta_s^0 \quad (s = 1, 2, \dots, n), \quad (1)$$

where b_{sk} are given constants, η_k are phase coordinates of the controlled system, and $\xi(t)$ is the control function. From the class of continuous functions $\xi(t)$ constrained by one of conditions

$$\int_0^\infty \xi^2(t) dt = K, \quad K < \infty \quad (A)$$

Card 1/3

L 3183-66

ACCESSION NR: AP5013833

or

$$\int_0^{\infty} \dot{x}(t) dt = K_1 < \infty \quad (B)$$

where K_0 and K_1 are given positive constants, the control function ξ is sought which ensures the asymptotic stability of the controlled system and minimizes the performance functional

$$I = \int_0^{\infty} F(\eta) dt, \quad (2)$$

where $F(\eta)$ is a given positive quadratic form. It is shown that equation (1) can be reduced to a canonical form by using the Lur'ye transformation. By applying known variational methods, the Lagrangians for cases (A) and (B) are formed and Euler-Lagrange equations are derived. A system of algebraic equations is derived for calculating the arbitrary constants and the Lagrange multiplier. Finally, the equation in the form of a determinant is derived from which the control function $\xi(t)$ corresponding to asymptotic stability can be determined. Orig. art. has: 32 formulas. [LK]

Card 2/3

L 3183-66

ACCESSION NR: AP5013833

ASSOCIATION: none

SUBMITTED: 20Apr64

ENCL: 00

SUB CODE: IE, MA

NO. REF SOV: 004

OTHER: 000

ATD PRESS: 4017

PC
Card 3/3

L 26014-66 EWT(d) IJP(c) GS

ACC NR: AT6013426

SOURCE CODE: UR/0000/65/000/000/0134/0141

AUTHORS: Bedel'bayev, A. K. (deceased); Khodzhanov, A. S.

ORG: none

33

TITLE: Analytic design of optimal regulators

Bx1

SOURCE: - AN KazSSR. Sektor matematiki i mekhaniki. Issledovaniya po differentsial'nym uravneniyam i ikh primeneniyu (Research on differential equations and their application). Alma-Ata, Izd-vo Nauka, 1965, 134-141

TOPIC TAGS: optimal control, variational problem, characteristic equation, control system stability, functional equation, motion equation

ABSTRACT: The problem of ¹⁶stability of an optimal control system is supplied by the functional

$$I(t) = \int_0^{\infty} [F(\tau) + C\tau^2] d\tau.$$

The work is based on a variational problem formulated by A. M. Letov (Analiticheskoye konstruirovaniye regulyatorov. Avtomatika i telemekhanika, Vol. XXI, Nos. 5 and 6, 1960). The equations of motion of the controlled object are

$$\dot{\eta}_s = \sum_{i=1}^n b_{si} \eta_i + n_s t \quad (s = 1, 2, \dots, n).$$

Card 1/2

L 26014-66

ACC NR: AT6013426

In the case of

$$\sum_{k=1}^n r_k - 2C\varphi(u) = 0 \quad (|u| < u^*),$$

the characteristic equation is

$$\Delta(r) = CD(r)D(-r) + \sum_{\alpha=1}^m \sum_{\beta=1}^n a_{\alpha\beta} N_{\alpha}(-r)N_{\beta}(r) = 0.$$

Two examples with motion according to the equations

$$\varphi + 14,3\varphi + 115,5\varphi = -3,54\psi$$

and

$$\eta + 3\eta + 2,38\eta = 2,5\xi$$

are given for which the conditions of stability are found. Orig. art. has: 49 formulas and 1 figure.

SUB CODE: 12/ SUBM DATE: 23Jun65/ ORIG REF: 003

Card 2/2

L 26013-66 EWT(d) IJP(c) GS

ACC NR: AT6013427

SOURCE CODE: UR/0000/65/000/000/0172/0175

AUTHOR: Khodzhanov, A. S.

ORG: none

TITLE: Simplified stability criteria for controlled systems with tachometric feedback

SOURCE: AN KazSSR. Sektor matematiki i mekhaniki. Issledovaniya po differentsial'nym uravneniyam i ikh primeneniyu (Research on differential equations and their application). Alma-Ata, Izd-vo Nauka, 1965, 172-175

TOPIC TAGS: automatic control theory, mathematic determinant, integral equation, bounded function, parameter, control system stability, electronic feedback

ABSTRACT: A simplified test of stability of a system

$$\eta_s = \sum_{k=1}^n b_{sk} \eta_k + n_s \xi \quad (s = 1, 2, \dots, n-1),$$

$$\xi = f(\sigma), \quad \sigma = \sum_{k=1}^n I_k \eta_k - r\xi - N\xi$$

from an earlier work of A. M. Letov (Ustoychivost' nelineynykh reguliruyemykh sistem. Moscow, 1962) is presented. The test makes it possible to show the ranges of variation for the nonlinear function $f(\sigma)$. The system is converted to the form

Card 1/2

L 26013-66

ACC NR: AT6013427

$$U_s = \sum_{k=1}^n q_{sk} \eta_k + \gamma_s \varphi(\sigma) \sigma \quad (s=1, 2, \dots, n),$$

$$\sigma = \sum_{k=1}^n j_k \eta_k - N \varphi(\sigma) \sigma.$$

Lyapunov's theorem gives the form

$$V = \sum_{s=1}^n \sum_{k=1}^n \sigma_{sk} \eta_s \eta_k \quad (\sigma_{sk} = \sigma_{ks}).$$

Absolute stability of the given system with tachometric feedback is obtained under certain conditions. From

$$\varphi(\sigma) > 0 \text{ и } \frac{1}{\sigma} f(\sigma) > 1 \quad (\sigma \neq 0)$$

and

$$[a - 2N(1 + N)] \varphi(\sigma) < a + 2(1 + N),$$

the final condition of absolute stability of the system

$$1 < \frac{1}{\sigma} f(\sigma) < \frac{a+2(1+N)}{a-2(1+N)} \quad (\sigma \neq 0)$$

is obtained. Orig. art. has: 22 formulas.

SUB CODE: 12/ SUBM DATE: 23Jun65/ ORIG REF: 005

Cord 2/2 90

<p>KHODZHASH, B. V. CA</p>		<p>11A</p>	
<p>A case of acute sodamide poisoning. F. I. Foxhariskii and A. V. Khodzhakh. <i>Farmakol. i Toksikol.</i> 7, No. 4, 40-51 (1944).—A girl, aged 10, employed in unloading NaNH_2, was exposed when a drum burst. Ignited clothing was soon extinguished, but skin exposed to direct contact suffered severe burns. The patient died the next day. The autopsy showed acute fibrinotic inflammation of larynx, trachea, and bronchi, many local second-degree burns on the skin, moderate edema, and some extravasation in the lungs. Histological exams. showed that the acute inflammation of respiratory mucosa extended into the lungs, with the appearance of acute NH_2 poisoning. Julian F. Smith</p>			
<p>ADD 514 METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>REGIONAL LIBRARY</p>			
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<p>811111 246 QW 111</p>			
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<p>811111 246 QW 111</p>			

MOROZOV, A.L., red.; KHODZHASH, A.V., red.; SHKLOVSKAYA, S.S., red.; KUZ'-
MINA, N.S., tekhn. red.

[Physiological peculiarities, clinical aspects of the diseases, and
problems in the industrial hygiene of employed adolescents] Fiziolo-
gicheskie osobennosti, klinika zabolevanii i voprosy gigieny truda
rabochikh-podrostkov. Izd.2., ispr. i dop. Moskva, Gos. izd-vo med.
lit-ry Medgiz. Vol.2. [Clinical peculiarities in the course of some
diseases of adolescence] Klinicheskie osobennosti techenia nekotorykh
zabolevanii v podrostkovom vozraste. 1961. 191 p. (MIRA 14:8)
(CHILDREN—DISEASES)

MOROZOV, A.L., prof., red.; KHODZHASH, A.V., kand.med.nauk, red.; NOVIKOV,
Yu.V., red.; POGOSKINA, M.V., tekhn.red.

[Physiological characteristics, clinical aspects of diseases, and
problems in the industrial hygiene of employed adolescents] Fiziolo-
gicheskie osobennosti, klinika zabolevanii i voprosy gigeny truda
rabochikh-podrostkov. Izd.2., ispr. 1 dop. Moskva, Medgiz. Vol.1.
[Physiological characteristics, problems in the industrial hygiene
and occupational pathology of employed adolescents] Fiziologicheskie
osobennosti, voprosy gigeny truda i professional'noi patologii
rabochikh-podrostkov. 1961. 186 p. (MIRA 14:12)

(ADOLESCENCE)

(CHILDREN--EMPLOYMENT)

(INDUSTRIAL HYGIENE)

MYASNIKOV, Yu.A.; ZHEMCHUZHIN, Ye.K.; KHODZHASH, S.I.

Focus of tick-borne encephalitis in deciduous forests of
Tula Province. Med. paraz. i paraz. bol. 32 no.3:354-355
My-Je'63 (MIRA 17:3)

1. Iz Tul'skoy i Suvorovskoy sanitarno-epidemiologicheskoy
stantsii.

KHODZHASHVILI, G.P. (Tuapse, ul.K.Marksa, d.14/2, kv.45)

Role of Meckel's diverticulum in the recurrence of pain following appendectomy. Vest., khir. 91 no.9:105-106 S'63.

(MIRA 17:4)

1. Iz khirurgicheskogo otdeleniya (zav.-G.P. Khodzhashvili)
Bol'nitsy vodnikov g. Tuapse (glavnyy vrach - A.M. Kuznetsov,
nauchnyy rukovoditel' - prof. B.Z. Gutnikov).

KHODZHASHVILI, G.P.

Case of perforating appendicitis in association with
interrupted tubal pregnancy. Khirurgiia 39 no.10:128-
129 0 '63. (MIRA 17:9)

1. Iz khirurgicheskogo otdeleniya (zav. G.P. Khodzhashvili)
Bol'nitsy vodnikov (glavnyy vrach A.M. Kuznetsov), Tuapse.

KHODZHASHVILI, M.A.

Devices for the reinforcement of the foundations of the structures
for shore protection against washouts. Trudy GPI [Gruz.] no.7:
145-152 '63.
(MIRA 18:6)

BZHALAVA, Iosif Teymurazovich; KHODZHAVA, Z., red.; OGIAVA, G., red.
izd-va; DZHAPARIDZE, N., ~~tskh.~~

[Perception and attitude] Vospriiatie i ustanovka. Tbilisi,
Izd-vo Akad.nauk Grus.SSR, 1960. 208 p. (MIRA 13:7)
(Perception) (Attitude (Psychology))

KHODZHAVA, Z.I.

On the problem of D.N. Uznadze's theory of readiness ("ustanovka")
Vop.psikhol. 3 no.1:125-132 Ja-F '57. (MLRA 10:3)

1. Institut psikhologii Akademii nauk Gruzinskoy SSR,
(Psychology)

KHODZHAYA, Z.I.

Discussion of the problem of the concept of ability. Trudy Inst.
psikhol. AN Gruz. SSR 11:401-412 '57. (MIRA 12:3)
(Ability)

FRANGISHVILI, A.S., red.; KHODZHAVA, Z.I., red.; ABASHIDZE, E.K., red.;
BOCHORISHVILI, A.T., red.; DZHAMBAVA, A.S., red.; NATADZE, R.G.,
red.; HORAKIDZE, V.G., red.; SONGULASHVILI, M.I., red. izd-va;
KHOKHIASHVILI, V.M., red. izd-va; DZHAPARIDZE, N.A., tekhnred.

[Experimental studies on the psychology of attitude] Eksperi-
mental'nye issledovaniia po psikhologii ustanovki. Tbilisi,
1958. 398 p. (MIRA 12:11)

1. Akademiya nauk Gruzinskoy SSR. Tiflis. Institut psikhologii.
(Attitude (Psychology))

KHODZHAVA, Z.I.

Factor of shape in the functioning of attitude. Eksp. issl. po
psikhol. ust. 1:153-189 '58. (MIRA 13:12)
(Attitude (Psychology))

KHODZHAYA, Z. I.

Concept of 'need' in foreign psychology. Trudy Inst. psikhol. AN
Grus. SSR 12:23-48 '60. (MIRA 13:11)
(Psychology)

KHODZHAVA, Z.I.; AVALISHVILI, A.M.

Essence of the so-called "new fact" in the psychology of attitude.
Trudy Inst. psikhol. AN Gruz. SSR 12:179-196 '60. (MIRA 13:11)
(Attitude (Psychology))

KHODZHAVA, Z.I.

Action of reciprocally counterdirected sets. Eksp, issl. po
psikhol. ust. 2:135-180 '63.

Set in habit interference. Ibid.:181-193

(MIRA 16:12)

*

MODZHAVA, S.I.

Action of the contrarily directed sets. Trudy Inst. psikh. AN
Gruz. SSR 14:217-271 '63. (MIRA 18:4)

KHODZHAY, Ya.I.
ANGARSKAYA, M.A.; GENDENSHTYH, E.I.; KOLESNIKOV, D.G.; SOKOLOVA, V.Ye.;
KHODZHAY, Ya.I.

Digitoxin and gitoxin, new Russian preparations from digitalis.
Med.prom. 12 no.2:58-59 F '58. (MIRA 11:3)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.
(DIGITALIS)

~~KHODZHAYAN, G.K., dots.~~

Assembling 600-cubic-meter spherical tanks. Stroi. prom. 36 no.3:
23-26 Nr '57. (MIRA 11:3)

(Tanks)

KHODZHAYAN, G.K., dots.

New method of pouring on supporting rings in the assembly of
steel smokestacks. [Trudy] RISI no.17:103-106 '60. (MIRA 15:6)
(Building, Iron and steel) (Chimneys)

GINOSYAN, A.K.; KHODZHAYAN, R.N.

Results of simultaneous application of azotobacterin and phosphobacterin. Vop.mikrobiol. no.1s265-270 '61.

(MJRA 17:19)

KHODZHAYAN, Ye. A., BABAYAN, A. A., I OVANYESYAN, O. P.

30397

Pyeryedacha vyertitsilliosnogo vilta khlapchatnika syemyenami.
Sbornik trudov po zashchitye rastyeny (arm. nauch.-isslyed. in-t
tyekha. kul'tur), No 2. 1949, S. 42-54.--Bibliogr: 11 Hazv.

SO: Letopis' No, 34

KHODZHAYAN, E. A., BAOYAN, A. A. I OVANYESYAN, O. P.

30407

Porazhayemostv kartofyelya vyetiilliumon v uslobtyakh. Khlopkovoy
eony armyenii. (1949)

SO: Letopis' No. 34

KHODZHAYAN, Ye.A.

Evaluating the resistance of cotton varieties to wilt by the
serological method. Izv.AN Arm.SSR,Biol.i sel'khoz.nauki. 4
no.11:1049-1053 '51. (MIRA 9:8)

1. Armyskiy nauchno-issledovatel'skiy institut tekhnicheskikh
kul'tur Ministerstva khlopkovodstva SSSR.
(COTTON--DISEASE AND PEST RESISTANCE)
(SERUM DIAGNOSIS)

~~Kh~~ KHODZHAYAN, Ye. A.

KHODZHAYAN, Ye. A.

"Certain Biological Problems Concerning the Causative Agent of Cotton Wilt and a Serological Method for Determining the Resistance of Varieties to the Disease." Cand Biol Sci, Acad Sci Armenian SSR, Department of Biological Sci, Yerevan, 1955. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14).

KHODZHAYAN, Ya.A.; BABAYAN, A.A

Serological reaction in determining wilt resistance. Agrobiologiya
no.6:97-100 N-D '56. (MLRA 10:1)

1. Nauchno-issledovatel'skiy institut zemledeliya Armyanskoy SSR,
g.Echmiadzin. (Cotton--Disease and pest resistance)
(Serum diagnosis)

KHODZHAYAN, Yo.A.; BABAYAN, A.A.

Specialization of the forms of *Fusarium oxysporum* Schl.,
pathogen of the gourd wilt. Izv. AN Arm. SSR. biol. nauki 16
no. 8:65-72 Ag'63 (MIRA 17:4)

1. Armyanskiy nauchno-issledovatel'skiy institut zemledeliya.

ISRAYELIAN, M.G.; PETRENKO, A.A.; TEYMURAZYAN, R.A.; KHODZHAYANTS, Yu.M.

Measuring oxide concentrations in liquid-metal heat carriers.
Izv. AN Arm. SSR. Ser. tekhn. nauk 16 no.6:3-10 '63.

(MIRA 17:1)

KHODZHAYA V. A.

25853 Khodzha V. A. Mikroflora Zheludochnogo Soka U Bol'nykh Alimentarnoy
Distrofiy. Doklady Akad. Nauk Uz SSR No. 4, 1948, S. 35-39 - Rezюме
Na Uzbek. Yaz..

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

16.3400

80237
S/166/60/000/02/05/013

AUTHOR: Khodzhayev, A.

TITLE: On the Solution of a System of Differential Equations With the Method of Picard

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-matematicheskikh nauk, 1960, No.2, pp 47-54

TEXT: The system of differential equations

$$(1) \quad y_i' = \sum_{k=1}^{1,n} P_{ikl}(x) y_k y_l + \sum_{k=1}^n P_{ik}(x) y_k + P_i(x)$$

is integrated with the initial conditions $y_i(0) = y_{i0}$. After reduction to a system of integral equations the integration is carried out with the aid of successive approximations according to the scheme

$$y_i^{(s)} = y_{i0} + \int_0^x \left[\sum_{k,l}^{1,n} P_{ikl}(x) y_k^{(s-1)} y_l^{(s-1)} + \sum_{k=1}^n P_{ik}(x) y_k^{(s-1)} + P_i(x) \right] dx.$$

The calculation of the coefficients of the single approximations is ordered tabularly. As an example the author considers a system of sixth order.

ASSOCIATION: Chardzhouskiy gospedinstitut (Chardzhou State Pedagogical Institute)

SUBMITTED: February 16, 1959

Card 1/1

X

SAPOZHNIKOV, D.I.; EYDEL'MAN, Z.M.; TOLIBEKOV, D.; KHODZHAYEV, A.

Transformation of xanthophylls in partially reconstructed
systems. Bot.zhur. 47 no.11:1656-1659 N '62. (MIRA 16:1)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
(Photosynthesis) (Xanthophylls)

KHODZHAYEV, A., mladshiy nauchnyy sotrudnik

Testing preparations against granary pests. Zashch.rast.ot
vred.i bol. 5 no.7:29 JI '60. (MIRA 16:1)

1. Uzbekskiy nauchno-issledovatel'skiy institut zashchity
rasteniy.

(Grain—Diseases and pests) (Insecticides)

KHODZHAYEV, A.A.

Using a small seismic platform in investigating seismic
stability of installations. Izv. AN Uz. SSR. Ser. tekhn. nauk
9 no. 6:19-25 '65 (MIRA 19:1)

1. Tashkentskiy politekhnicheskiy institut. Submitted February 5,
1964.

KHODZHAYEV, Agsan Ashrapovich; DOLOTIN, V., red.; MEL'NIKOV, A., tekhnred.

[Food industry of Uzbekistan under the seven-year plan] Pishcha-
vaia promyshlennost' Uzbekistana v semiletke. Tashkent, Gos.
ind-vo Uzbekskoi SSR, 1959. 61 p. (MIRA 13:8)
(Uzbekistan--Food industry)

PORTNOY, N.D.; KONDRATOVICH, V.V.; RABKIN, D.M.; ZVONKOV, M.L.; BOVIN, A.I.;
GENRIKHSDOFF, N.G.; OLESKOV, Yu.V.; SHASKIN, A.Ya.; KREMERMAN, P.L.;
KHOZHAYEV, A.I.; PISAREVSKIY, M.S.

Automatic welding of aluminum alloy products instead of manual arc
welding with a carbon electrode. Suggestion by N.D.Portnoi and others.
Prom.energ.11 no.4:21-22 Ap '56. (MIRA 9:7)
(Aluminum alloys--Welding)

L 04706-67

EWI(d)/EWI(m)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(l)

IJF(c)

JD/HM/HW/JT

ACC NR: AP6019434

SOURCE CODE: UR/0135/66/000/006/0043/0045

AUTHOR: Kondratovich, V. M. (Engineer); Khodzhayev, A. I. (Engineer)

ORG: none

TITLE: Results of the 1965 All-Union Welding Contest of the Scientific-Engineering Society of the Machine Building Industry

SOURCE: Svarochnoye proizvodstvo, no. 6, 1966, 43-45

TOPIC TAGS: arc welding, welding technology, metallurgic conference, metal joining, electroslog welding, fatigue strength, metal forging, pipe, inert gas welding, metallurgic personnel

ABSTRACT: Thirty-three research projects from 127 participants from plants and organizations in Moscow, Leningrad, Baku, Kazan, Bryansk, Izhevsk, Kramatorsk and Podolsk were entered in last year's All-Union Welding Contest. Prizes were awarded, among which were Second prizes to F. S. Kulikov, A. D. Pleskachev, A. S. Persidskiy, Yu. V. Vaskin, N. G. Frolov (Moscow) for "The Development of Technological Procedure and Equipment for automatic argon-shielded arc welding of cylindrical thin-wall bellows" and "The Development of Technological Procedure and Equipment for welding complex-shaped titanium alloy pipes from preformed elements." The first project introduces a new method of welding 1Kh18N9Ti steel bellows with a wall thickness of 1.15 mm. The second entry introduced technology and equip-

Card 1/2

UDC: 621.014.25.004.6:06.063

L 04706-67

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7"

ACC NR: AP6019434

ment for welding complex-shaped titanium-alloy pipes from preformed elements including a device which shields the reverse side of the joint.

A. I. Pymkevich, A. S. Gel'man (TsNIITMASH), V. M. Biryukov and A. V. Demichev (Leningrad Metal Works im. XXII Party Congress) were awarded prizes for their work "Electroslog welding of OKh12NOLs stainless steel to a low-alloy steel." The process is used for joining stainless steel blades to low-alloy steel wheels of hydraulic turbines.

Certificates of honor were awarded to Yu. A. Arekhtyuk, L. V. Lyashenko, N. M. Trofimov and V. A. Kornilov for the development of technology and equipment for pulsed-power argon-shielded arc welding of thin-wall elements, especially bellows. A special unit with transistorized power (TIS-1) ensures continuous control of the welding current and its stabilization under conditions of varying arc length and network voltage.

Certificates of honor were also awarded to V. M. Sagalevich and V. V. Zolotarev (MVTU im. N. E. Bauman) for a method of increasing the fatigue strength, reducing the weld deformation, and improving the reliability of spot-welded titanium-alloy components accomplished by forging spot welds. Orig. art. has: 7 figures. [ATD PRESS: 5022-F]

SUB CODE: 13, 05 / SUEM DATE: none

Joining of Dissimilar Metals

Card 2/2 FV

KORTUNOV, A.K.; KORSHUNOV, Ye.S.; KUZNETSOV, P.L.; BARABASH, B.B.;
FROMTOV, A.I.; SHAKIROV, M.Z.; ALI-ZADE, M.A.; KHODZHAYEV,
A.K.; ALEKSANDROV, A.V., red.

[Gas industry in the U.S.A.] Gazovaia promyshlennost' SShA.
Moskva, Nedra, 1964. 339 p. (MIRA 18:9)

KHODZHAYEV, A. Kh.

Khodzhayev, A. Kh. - "The excretory function of the stomach in alimentary dystrophy," Doklady Akad. nauk UzSSR, 1949, No. 1, p. 27-32 -- Summary in Uzbek -- Bibliog: 9 items

SO: U-3566, 15 March 53, (Ietopis 'Zhurnal 'nykh Statey, No. 14, 1949).

KHODZHAYEV, A. Kh.

"The Oxygen Supply of an Organism According to Data on the Gas Composition of the Blood in Acclimatized Healthy Persons and Patients Suffering From Cardiac Insufficiency Under the Climatic Conditions Which Exist in Tashkent." Dr Med Sci, Central Inst for the Advanced Training of Physicians, Moscow, 1953. (RZhBiol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KHODZHAYEV, A.Kh.; KOCHERGINA, N.Z.

Treatment of atherosclerosis with Co No.8. Med. zhur. Uzb. no.2:
48-53 P '62. (MIRA 15:4)

1. Iz kafedry gosspital'noy terapii lechebnogo fakul'teta (zav. -
prof. Z.I.Umidova) Tashkentskogo gosudarstvennogo meditsinskogo
instituta.

(ARTERIOSCLEROSIS) (COBALT—THERAPEUTIC USE)